(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 16 June 2005 (16.06.2005)

PCT

(10) International Publication Number WO 2005/054485 A3

(51) International Patent Classification7: C12N 15/861

(21) International Application Number:

PCT/US2004/040054

(22) International Filing Date: 1 December 2004 (01.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/526,009

1 December 2003 (01.12.2003) US

- (71) Applicant (for all designated States except US): AVEN-TIS PHARMACEUTICALS INC. [US/US]; 300 Somerset Corporate Boulevard, Bridgewater, NJ 08807-2854 (US).
- (72) Inventors; and

- (75) Inventors/Applicants (for US only): HAHN, Chang, S. [KR/US]; 301 Trinity Court #1, Princeton, NJ 08540 (US). LI, Li [CN/US]; 2202 Taggert Drive, Belle Mead, NJ 08502 (US).
- (74) Agents: KRUPEN, Karen, I. et al.; Aventis Pharmaceuticals Inc., Route 202-206, P.O. Box 6800, Bridgewater, NJ 08807-0800 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

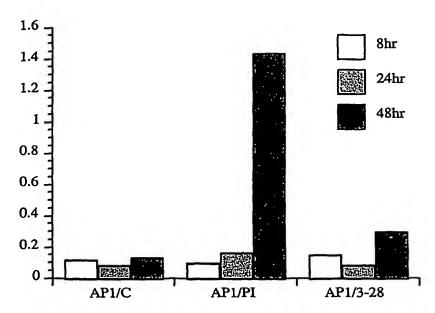
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- (88) Date of publication of the international search report:
 15 December 2005

[Continued on next page]

(54) Title: ADENOVIRUS-TRANSFECTED PRIMARY CELLS AND METHODS OF PATHWAY MAPPING



(57) Abstract: A primary cell culture is transfected with a vector comprising a reporter gene operatively linked to a cis-element. Expression of a candidate regulatory protein is induced in the cell culture and its effects on the cis-element are assayed.

BEST AVAILABLE COPY

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.